

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	8	("4413718"   "5485906"   "5496212").PN.	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/09 16:55
S2	7	"5485906"	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/28 19:23
S3	206	("5496212" "6552781" "20050139448" "5441347" "5564836" "5624308" "5016879" "5547416" "5566808" "5386902" "5494145" "5738200" "3667585" "3653481" "3842210" "4155549" "4111215" "4267716" "4275751" "4467656" "4832654" "4853580" "4881918" "4980587" "5062518" "5191998" "5295462" "5551911" "5898172" "5931731" "6050616" "6269285" "7144317" "20050118943" "20060037836" "5531309" "5551542" "5860649" "4587984" "4589782" "4596470" "5020653" "5046841" "5222737" "5248023" "5316118" "5370210" "5662205" "5685782" "5742656" "5780842" "5902179" "20060231856" "5402871" "4389049" "4333557" "4371072" "4413718" "4550819" "4588263" "4829561" "5273151" "4047029" "4088144" "4340370" "4360128" "4625851" "4811040" "4812810" "4856046" "4924507" "4934792" "4955743" "4980805" "4988860"	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/28 20:18

		"5002174" "5062026" "5181722" "5300920" "5397134" "5414254" "5439230" "5501633" "5516293" "5522733" "5576825" "5621492" "5621859" "5702077" "5733193" "5767506" "5785316" "5803453" "5805282" "5882106" "5888667" "5899809" "5950767" "6040760" "6053300" ),pn.				
S4	8	"5496212"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/28 19:31
S5	4	"6552781"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/28 19:35
S6	6	"5441347"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/28 19:36
S7	8	"5564836"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/28 19:38
S8	9	"5624308"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/28 19:39
S9	50	"5016879"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/28 19:40
S10	4	"5547416"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/28 19:40
S11	24388	(beam same deflector)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/28 20:18

S12	22161	*194"/\$.cds.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/28 20:19
S13	14	S11 and S12	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/28 20:22
S14	3329969	mirror near\$6 deflector	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/28 20:22
S15	6091	mirror near6 deflector	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/28 20:23
S16	2	S12 and S15	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/28 20:23
S17	7053	mirror near6 (deflector or flap or diverter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/28 20:24
S18	2	S12 and S17	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/28 20:23
S19	12078	mirror same (deflector or flap or diverter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/28 20:24
S20	5	S12 and S19	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/28 20:24
S21	405765	flap or diverter or deflector	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/28 20:25

S22	3662122	(flap or diverter or deflector) near\$10 (mirror or reflector)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/28 20:29
S23	3330	S12 and S22	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/28 20:27
S24	9265	(flap or diverter or deflector) near10 (mirror or reflector)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/28 20:27
S25	2	S12 and S24	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/28 20:28
S26	10533	(flap or diverter or deflector) with (mirror or reflector)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/28 20:32
S27	3	S12 and S26	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/28 20:29
S28	6827	(flap or diverter or deflector) near (laser or lcd or beam)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/28 20:33
S29	0	(flap or diverter or deflector) near (laser or lcd or beam) near on	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/28 20:40
S30	3	S12 and S28	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/28 20:34
S31	331689	laser near beam	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/28 20:35

S32	16	S31 and S12	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/28 20:34
S33	322571	laser adj beam	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/28 20:35
S34	419	S12 and "322"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/28 20:35
S35	15	S12 and S33	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/28 20:35
S36	0	(flap or diverter or deflector) near (laser or led) near on	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/28 20:40
S37	650	(flap or diverter or deflector) near (laser or led)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/28 20:40
S38	0	S12 and S37	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/28 20:40
S39	2	S37 and coins	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/28 20:42
S40	14	Roland near Gries	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/28 20:45
S41	29	S12 and Bruner	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/28 20:53

S42	209	194/203	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/28 20:53
S43	205	194/203.ccls.	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/28 20:53
S44	350	S42 or S43	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/28 20:53
S45	93	S44 and (laser or LED or "light emitting diode" or beam)	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/29 10:33
S46	11	("3998309"   "4298116"   "4583082"   "4673270"   "5383546"   "5797475"   "5823315"   "5931731"   "6003651"   "6050387"   "6417471").PN.	US-PGPUB; USPAT; USOOR	OR	ON	2007/05/28 21:18
S47	37	"4437558"	US-PGPUB; USPAT; USOOR	OR	ON	2007/05/28 21:18
S48	303	flap near sensor	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/29 10:54
S49	4	S48 and "194"/\$.ccls.	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/29 10:33
S50	118	deflector near sensor	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/29 10:54
S51	47	deflector near LED	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/29 10:54

S52	46	flap near LED	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/29 10:56
S53	183	photodetector near (deflector or flap or gate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/29 10:57
S54	10	photodetector near (deflector or flap or gate) same (position or location)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/29 10:59
S55	22163	"194"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/29 11:00
S56	203	S55 and diverter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/29 11:07
S57	26976	mars and ultrasonic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/29 11:10
S58	12	S55 and S57	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/29 11:08
S59	17301	mars and spark	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/29 11:10
S60	12	S55 and S58	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/29 11:11
S61	60	S55 and ultrasonic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/29 11:31

S62	344	194/346	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/29 11:31
S63	75	194/349	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/29 11:31
S64	53	194/349.cals.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/29 11:32
S65	114	S63 or S64	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/29 11:32
S66	27	S65 and (laser or LED or sensor or photodetector)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/29 11:52
S67	7	"5823315"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/29 14:05
S68	1848	(service or "drive-up" or driveup) near window	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 13:49
S69	1860	(service or "drive-up" or driveup or walkup or "walk-up") near window	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 13:46
S70	4257651	(service or "drive-up" or driveup or walkup or "walk-up") near\$3 window	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 13:46
S71	5563	(service or "drive-up" or driveup or walkup or "walk-up") near3 window	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 13:46



S72	1250	(service or "drive-up" or driveup) adj window	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 13:49
S73	6	((service or "drive-up" or driveup) near window) same (remote adj control)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 13:51
S74	150	((service or "drive-up" or driveup) near window) same (open)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 13:59
S75	5012	(window) same (remote adj control)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 13:59
S76	1628	S75 and wireless	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 14:00
S77	836	S76 not (operating adj system)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 14:04
S78	3840	S75 not (operating adj system)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 14:04
S79	11	S78 and (service near window)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 14:04
S80	4	("5440837").URPN.	USPAT	OR	ON	2007/05/31 14:07
S81	47864	remote near control	USPAT	OR	ON	2007/05/31 14:08
S82	753	S81 and elbow	USPAT	OR	ON	2007/05/31 14:08
S83	118	S82 and window	USPAT	OR	ON	2007/05/31 18:10
S84	5	"5485906"	USPAT	OR	ON	2007/05/31 18:10

S85	1	"10/508,772"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/06 17:49
S86	14	roland near griese	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/06 17:49
S87	7	"5485906"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/08 18:39
S88	78444	"209"/\$.cds.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/08 20:54
S89	587	S88 and (check same sort\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/08 21:11
S90	6001	check near processing	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/08 21:11
S91	901	S90 and wireless	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/08 21:11
S92	32	S91 and ncr	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/08 21:14
S93	13	ncr and (check near processing) and rfid	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/08 21:16
S94	90	(check near processing) and rfid	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/08 21:17

S95	0	(check near processing) and (bin near rfid)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/08 21:17
S96	12	(bin near rfid)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/08 21:20
S97	3	(safe near rfid)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/08 21:20
S98	228	(safe same rfid)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/08 21:20
S99	275	(bin same rfid)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/08 21:23
S100	54996	"271"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/08 21:23
S101	15	S100 and rfid	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/08 21:24
S102	8711	"270"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/08 21:24
S103	2	S102 and rfid	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/08 21:24
S104	1	"11/013,813"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/09 16:58

S105	2	"10/662,783"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/09 17:11
S106	5	"6141984"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/09 17:12
S107	35	("20020043906"   "20040069726"   "20060181180"   "2125523"   "2346368"   "2518134"   "3771847"   "4194731"   "4572598"   "4603557"   "4802340"   "4842349"   "4892366"   "5112118"   "5116274"   "5168719"   "5182924"   "5207490"   "5618089"   "5797593"   "5823102"   "6132018"   "6141984"   "6385990"   "6588863"   "6942612"   "D188719"   "D303190"   "D339934"   "D471380"   "D472083").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/09 18:21
S108	4	"d188,719"	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/09 18:22
S109	1660624	(detect detector detectors detects detecting detectable detection detected sense sensor sensors sensing sensed) and (infrared optic optical photocell photocells "photo cell" "photo-cell" "photo detector" photodetector photodectors photoelectric photovoltaic "photo cells" "photo-cells" "photoelectric" "photo electric" "photo- electric" proximity radiation ultraviolet)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/26 19:03

S110	22283	"194"/\$.cds.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/26 19:04
S111	4930	"453"/\$.cds.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/26 19:04
S112	26466	S110 or S111	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/26 19:04
S113	1786	S109 and S112	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/26 19:05
S114	2207175	((deflect deflector deflecting deflects deflected divert diverter diverting diverts diverted flap gate gates gating)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/26 19:07
S115	3727	S112 and S114	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/26 19:07
S116	904	S113 and S114	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/26 19:07
S117	30211	((detect detector detectors detects detecting detectable detection detected sense sensor sensors sensing sensed) and (infrared optic optical photocell photocells "photo cell" "photo-cell" "photo detector" photodetector photodectors photoelectric photovoltaic "photo cells" "photo-cells" "photoelectric" "photo electric" "photo- electric" proximity	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/26 19:09

		radiation ultraviolet)) with (deflect deflector deflecting deflects deflected divert diverter diverting diverts diverted flap gate gates gating)				
S118	118	S112 and S117	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/26 19:09
S119	1751	reflector with deflector	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/26 19:40
S120	0	reflector near on near deflector	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/26 19:40
S121	1	reflector with on with deflector	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/26 19:41
S122	0	reflector with on with diverter	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/26 19:42
S123	133	reflector same diverter	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/26 19:43
S124	12	S123 and sort	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/26 19:50
S125	15	S123 and sort\$3	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/26 19:50
S126	205	reflector with deflector with (position or location)	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/26 20:07

S127	227	reflector with (deflector or diverter) with (position or location)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/26 20:07
S128	4095	((detect detector detectors detects detecting detectable detection detected sense sensor sensors sensing sensed) and (infrared optic optical photocell photocells "photo cell" "photo-cell" "photo detector" photodetector photodectors photoelectric photovoltaic "photo cells" "photo-cells" "photoelectric" "photo electric" "photo-electric" proximity radiation ultraviolet)) with (deflect deflector deflecting deflects deflected divert diverter diverting diverts diverted flap gate gates gating) with (location or position)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/26 20:09
S129	19	S112 and S128	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/26 20:09
S130	279	49/246	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/27 00:47
S131	936	312/138.1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/27 00:51
S132	723917	S131 and freezer or food	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/27 00:51

S133	125	S131 and (freezer or food)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/27 00:52
S134	0	khoi adj tran	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/23 10:18
S135	1	tran-khoi.XP.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/23 10:19
S136	461	tran-khoi-h.XP.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/23 10:20
S137	423	tran-khoi-h.XA.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/23 10:21
S138	6	S136 and jeans	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/23 10:21
S139	6	S137 and jeans	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/23 10:21
S140	3	S136 and pants	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/23 10:22
S141	1	S137 and pants	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/23 10:22
S142	884	S136 or S137	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/23 10:23



S143	34	S142 and japan	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/23 10:23
S144	39692	"221"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/23 10:28
S145	216	S144 and (jeans or pants)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/23 10:28
S146	4	"7213697"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/23 18:33
S147	33	"6196371"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/23 18:35
S148	24	"6778693"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/23 18:38
S149	32	("1234707"   "3297242"   "3463171"   "3599771"   "3680566"   "3752168"   "3870137"   "3965912"   "4111216"   "4148331"   "4184366"   "4398550"   "4471864"   "4556140"   "4558712"   "4574824"   "4733765"   "4754862"   "4960196"   "4978322"   "5040657"   "5131885"   "5167571"   "5254032"   "5279404"   "5316120"   "5326312"   "5386902"   "5484334").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/23 18:40
S150	127	("4556140").URPN.	USPAT	OR	ON	2008/07/23 18:42

S151	24	("1953414"   "2390147"   "2912767"   "3390310"   "4103191"   "4329601"   "4503346"   "4554471"   "4556140"   "4782353"   "4786834"   "4950986"   "4998610"   "5078252"   "5263566"   "5293980"   "5323891"   "5502359"   "5969444"   "6056105").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/23 18:50
S152	127	("4556140").URPN.	USPAT	OR	ON	2008/07/23 19:05
S153	51	coinstar	USPAT	OR	ON	2008/07/23 19:08
S154	124	coinstar	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/23 19:10
S155	2	S154 and (debris near separation)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/23 19:10
S156	2	"20030046231"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/23 19:40
S157	128	453/4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/28 23:36
S158	26	453/4.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/28 23:36
S159	143	S157 or S158	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/28 23:37
S160	358	194/346	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/28 23:50

S161	891	194/346.cds.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/28 23:50
S162	1123	S160 or S161	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/28 23:50
S163	27	"6189789"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/29 10:27
S164	28	shopping near bag near dispenser	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/29 10:27
S165	1315	bag near dispenser	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/29 10:28
S166	85	(bag near dispenser) with locat\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/29 10:28
S167	1	(bag near dispenser) with locat\$3 with produce	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/29 10:28
S168	0	(bag near dispenser) with (shopping near area)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/29 10:33
S169	1	(bag near dispenser) same (shopping near area)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/29 10:33
S170	33	(bag near dispenser) and (locat\$4 with store)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/29 10:34

S171	26	coinstar and adams	US-PGPUB; USPAT; USOCR; FPFS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/29 14:19
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